

Product Name

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EMPEYOL SSR 200/7F (N)

Product Description

EMPEYOL SSR 200/7F (N) is an eco-friendly formulated polyether polyol to be used in combination with POLYMERIC MDI for the production of polyurethane rigid foams for panels and water heater applications. This polyol has been preblended with HFC 365/227.

Properties of Polyol

Characteristics	Unit	Specification
Appearance	-	Brown Liquid
Density @25°C	cps	400 ± 100
Viscosity @25°C	g/cc	1.140 + 0.03

Recommended Process Conditions in Bench Mixer at 25°C

Process Parameters	Units	Value
Mixing ratio (Polyol : PolymericMDI)	-	100:130
Polyol Temperature	°C	25 + 03
MDI Temperature	°C	25 + 03
Cream time	sec	18-22
Gel time	sec	120-140
Free rise density	kg/m ³	26.0 - 27.0

Properties of Foam

Properties	Test Method	Unit	Value
Overall Density	ASTM D1622	Kg/m ³	38-40
Compressive strength	ASTM D1621-05A	Kpa	100 (min)
Thermal Conductivity	ASTM C518-98	W/m.K	0.023 (max)
Closed cell content	ASTM D6226	%	>92

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Packaging Size

210 Kg Nett

Shelf life

6 Months

**Storage and
Handling**

EMPEYOL SSR 200/7F (N) and POLYMERIC MDI should be stored in tightly closed containers at temperature between 20°C and 30°C and should not be exposed to direct sunlight.

**Health and
Safety Advice**

EMPEYOL SSR 200/7F (N) polyol should present no unusual health problems when used in manufacturing operations where satisfactory standards of personal and industrial hygiene are maintained. Precautions should be taken to avoid exposure to the eye or prolonged contact with the skin.

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